

Listing of the Claims:

Claim 1 (currently amended): An electrical capacitor comprising a mixture of electrically conductive particles and non-conductive particles, the conductive particles being also magnetic and the non-conductive particles being non-magnetic, said mixture being spaced between two parallel conductive plates to which electrical leads are attached; wherein said conductive particles are aligned into strands that are perpendicular to said conductive plates by the application of a magnetic field. ~~the electrical conductive particles comprise a magnetic material that renders them responsive to the application of a magnetic field.~~

Claim 2: canceled

Claim 3 (original): A capacitor according to claim 1 where the magnetic material is selected from the group consisting of iron, nickel, cobalt, alloy steel, alnico, hard ferrites, rare-earth magnets, and neo magnets.

Claim 4 (original): A capacitor according to claim 1 where the electrically conductive particles are plated with a metal.

Claim 5 (original): A capacitor according to claim 4 where the metal is selected from the group consisting of gold and platinum.

Claim 6 (original): A capacitor according to claim 1 where the electrically non-conductive particles are made of a material selected from the group consisting of plastics, ceramics, and glass.

Claim 7 (original): A capacitor according to claim 6 where the material used for the electrically non-conductive particles is barium titanate.

Claim 8 (original): A capacitor according to claim 1 where the electrically conductive and non-conductive particles are of a size in the range of 100 mesh to 1 micron in diameter.

Claim 9 (original): A capacitor according to claim 1 where the electrically conductive and non-conductive particles are spherical in shape.

Claim 10 (original): A capacitor according to claim 1 where the electrically conductive and non-conductive particles are spheroidal in shape.

Claim 11(new): A capacitor according to claim 1 wherein said conductive particles are aligned by the application of motion to said mixture of particles.